

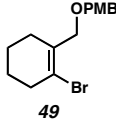
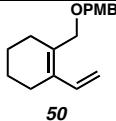
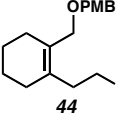
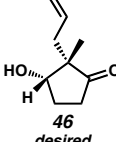
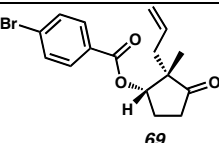
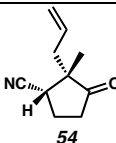
APPENDIX 7

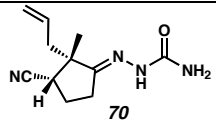
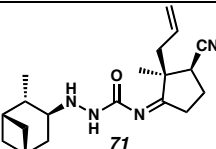
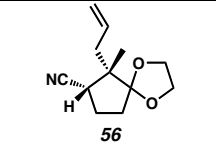
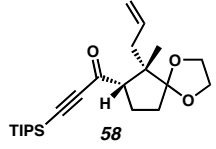
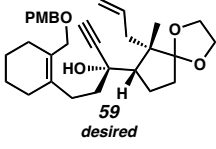
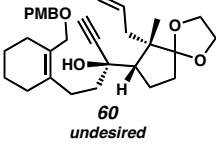
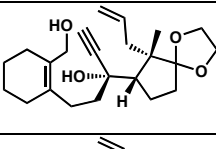
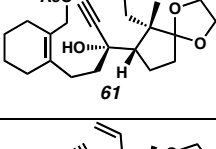
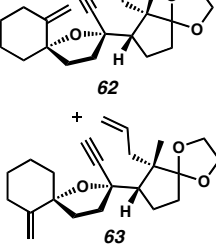
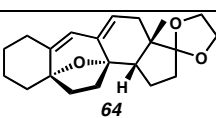
Notebook Cross-Reference

NOTEBOOK CROSS-REFERENCE

The following notebook cross-reference has been included to facilitate access to the original spectroscopic data obtained for the compounds presented in this thesis. For each compound, both hard copy and electronic characterization folders containing the original ^1H NMR, ^{13}C NMR, and IR spectra have been created. All notebooks and spectroscopic data are stored in the Stoltz research group archive.

Table A7.1. Compounds in Chapter 2 – Efforts toward the Rapid Construction of the Cortistatin A Carbocyclic Core

Compound	^1H NMR	^{13}C NMR	IR
 49	SM-VII-77a	SM-VII-77a	SM-VII-77a
 50	QL-V-95	QL-V-95	QL-V-95
 44	CCB-2-227-1H	CCB-2-227-13C	CCB-2-227
 46 <i>desired</i>	CCB-2-035-1H	CCB-2-035-13C	
 69	SM-XII-55a	SM-XII-55a	SM-XII-55a
 54	CCB-2-093-1H	CCB-2-093-13C	CCB-2-093

 70	SM-XII-75a	SM-XII-75a	SM-XII-75a
 71	SM-XII-137a	SM-XII-137a	SM-XII-137a
 56	CCB-2-101-1H	CCB-2-101-13C	CCB-2-101
 58	CCB-1-165a	CCB-1-165a	CCB-2-115a-2
 59 <i>desired</i>	CCB-2-131d-1H	CCB-2-131d-13C	CCB-2-239c
 60 <i>undesired</i>	CCB-2-131-2a-1H	CCB-2-131-2a-13C	CCB-2-239a
 61	CCB-2-245-1H	CCB-2-245-13C	CCB-2-245-2
 62	CCB-2-155-1H	CCB-2-155-13C	CCB-2-249-2
 63	CCB-2-271a-1H	CCB-2-271-13C	CCB-2-271a
 64	CCB-2-241b-1H	CCB-2-241b-13C	CCB-2-241b

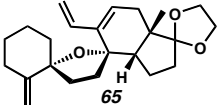
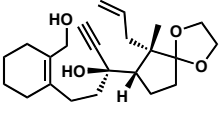
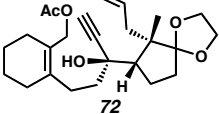
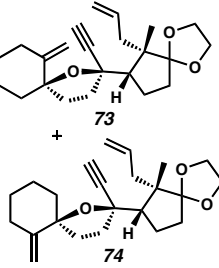
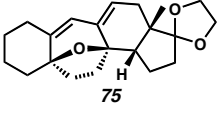
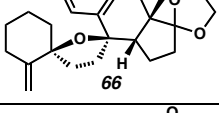
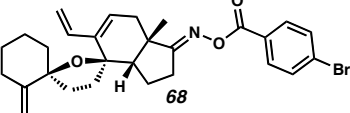
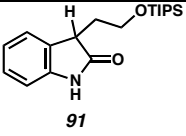
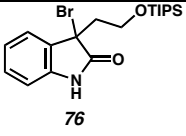
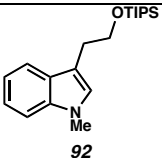
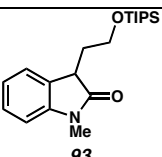
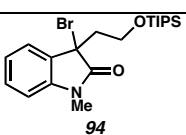
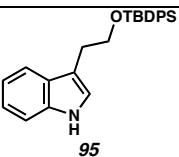
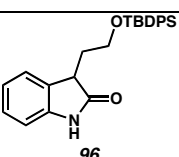
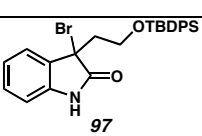
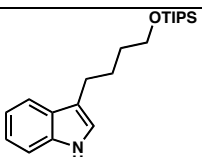
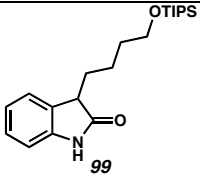
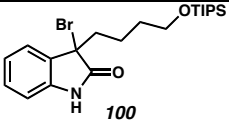
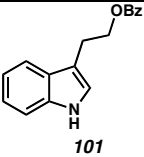
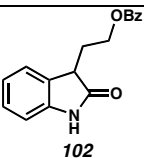
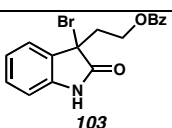
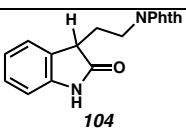
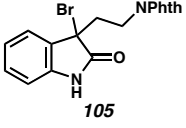
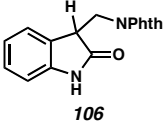
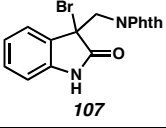
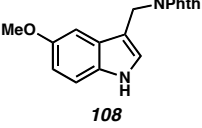
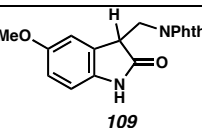
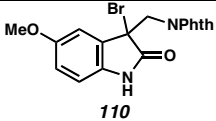
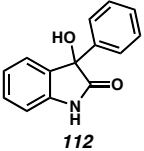
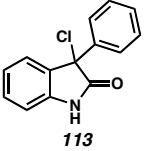
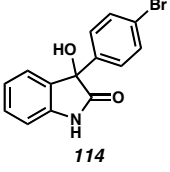
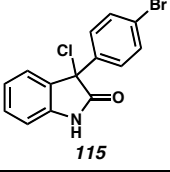
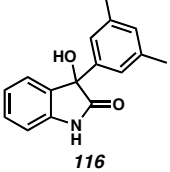
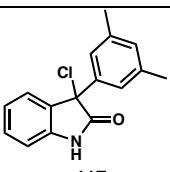
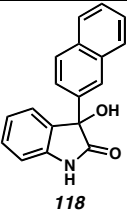
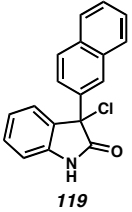
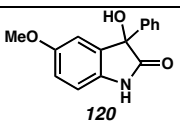
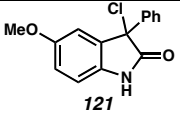
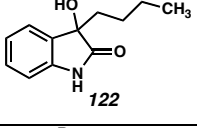
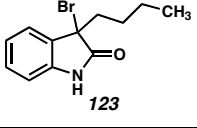
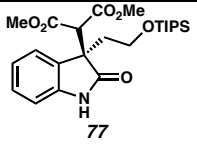
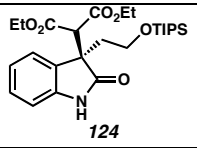
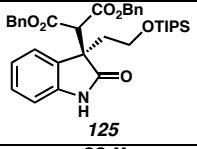
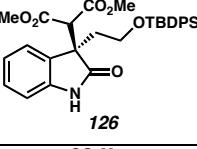
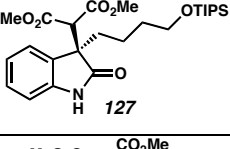
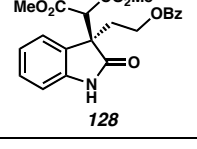
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	CCB-2-243-1H	CCB-2-243-13C	CCB-2-243-2
	CCB-2-153-1H	CCB-2-153-13C	CCB-2-229b
	CCB-2-277a-1H	CCB-2-277-13C	CCB-2-277a
	CCB-2-231 and 237-1H	CCB-2-231 and 237-13C	CCB-2-225b
	CCB-2-237-1H	CCB-2-237-13C	CCB-2-237a
	CCB-3-219-1H	CCB-3-219-13C	CCB-3-219

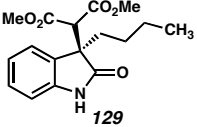
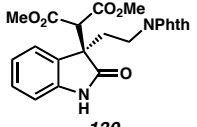
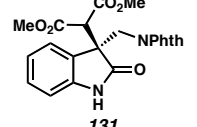
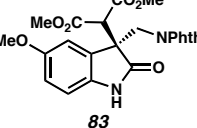
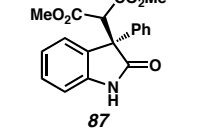
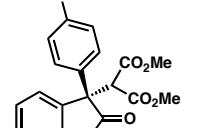
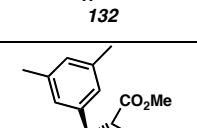
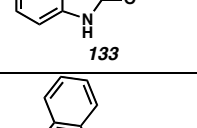
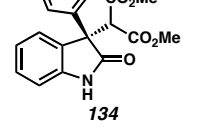
Table A7.2. Compounds in Chapter 3 – Catalytic Enantioselective Stereoablative Alkylation of 3-Haloindoles

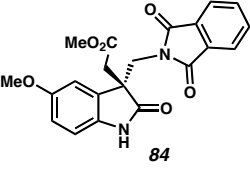
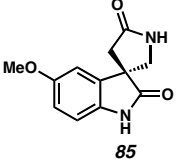
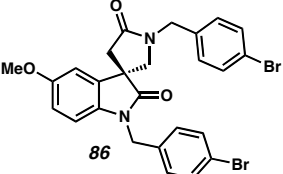
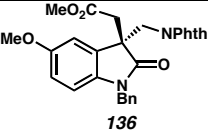
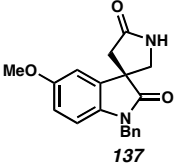
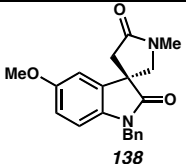
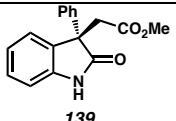
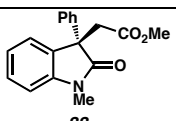
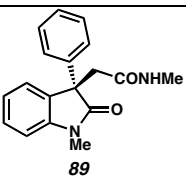
Compound	¹ H NMR	¹³ C NMR	IR
 91	SK-7-167-2b	SK-7-167-2b	SK-7-167-2b-abc
 76	SK-7-59-2a	SK-7-59-2a	SK-7-145-2-abc
 92	XH-BMS-3-157	XH-BMS-3-157	XH-3-157
 93	XH-BMS-3-159c	XH-BMS-3-159c	XH-3-159c
 94	XH-BMS-3-159b	XH-BMS-3-159b	XH-3-159b
 95	XH-BMS-2-211	XH-BMS-2-211	
 96	XH-BMS-2-215c	XH-BMS-2-215c	XH-2-215c
 97	XH-BMS-2-215b	XH-BMS-2-251b	XH-2-215b
 98	XH-BMS-2-195	XH-BMS-2-195	XH-2-195

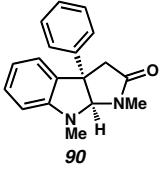
 99	XH-BMS-2-197	XH-BMS-2-197	XH-2-197c
 100	XH-BMS-2-197b	XH-BMS-2-197b	XH-2-197b
 101	XH-BMS-1-131	XH-BMS-1-131	
 102	XH-BMS-1-143C	XH-BMS-1-143C	XH-1-143c
 103	XH-BMS-143B-1	XH-BMS-1-143B	XH-1-143b
 104	SK-6-17-2D	SK-6-17-2D	SK-6-17-2D-abc
 105	SK-6-17-2C	SK-6-17-2C	SK-6-17-2C-abc
 106	XH-BMS-2-227d	XH-BMS-2-227d	
 107	XH-BMS-2-227c	XH-BMS-2-227c	XH-2-227c
 108	XH-BMS-2-251	XH-BMS-2-251	XH-2-251
 109	XH-BMS-2-279c	XH-BMS-2-279c	

 110	XH-BMS-2-265b	XH-BMS-2-265b	XH-2-279b
 112	SK-VI-295	SK-VI-295	SK-VI-295
 113	SM-XI-285b	SM-XI-285b	SM-XI-285b
 114	SM-IX-171a	SM-IX-171a	SM-IX-199a
 115	SM-IX-195	SM-IX-195	SM-IX-195
 116	SM-IX-123a	SM-IX-123a	SM-XI-123a
 117	SM-XI-139a	SM-XI-139a	SM-XI-139
 118	SM-IX-251a	SM-IX-251a	SM-IX-251

 <p>119</p>	SM-X-101a	SM-X-101a	SM-X-101a
 <p>120</p>	SM-IX-153a	SM-IX-153a	SM-IX-153a
 <p>121</p>	SM-IX-169	SM-IX-169	SM-IX-169
 <p>122</p>	XH-BMS-1-135	XH-BMS-1-135	XH-1-135
 <p>123</p>	XH-BMS-1-141	XH-BMS-1-141	XH-2-153
 <p>77</p>	SK-7-225-2	SK-7-251-2a	SK-7-251-2a
 <p>124</p>	XH-BMS-2-207	XH-BMS-2-207	SK-6-207-2b-abc2
 <p>125</p>	XH-BMS-2-209	XH-BMS-2-209	SK-6-257-2abc
 <p>126</p>	XH-BMS-2-217	XH-BMS-2-217	XH-2-217
 <p>127</p>	XH-BMS-2-201	XH-BMS-2-201	XH-2-201
 <p>128</p>	XH-BMS-1-151	XH-BMS-1-151	XH-1-151

 <p>129</p>	XH-BMS-1-145	XH-BMS-1-145	XH-1-145
 <p>130</p>	XH-BMS-2-203	XH-BMS-2-203	SM-XIII-93
 <p>131</p>	XH-BMS-2-229	XH-BMS-2-229	XH-2-229
 <p>83</p>	XH-BMS-2-297	XH-BMS-2-297	XH-2-267
 <p>87</p>	SM-XI-101a	SM-XI-101a	SM-XI-101a
 <p>132</p>	SM-IX-199a	SM-IX-199a	SM-IX-199a
 <p>133</p>	SM-XI-143b	SM-XI-143b	SM-XI-143b
 <p>134</p>	SM-IX-267a	SM-IX-267a	SM-IX-267a
 <p>135</p>	SM-IX-157a	SM-IX-157a	SM-IX-225a

 <p>84</p>	XH-BMS-2-301	XH-BMS-2-301	XH-2-301
 <p>85</p>	XH-BMS-3-271	XH-BMS-3-263	XH-3-45
 <p>86</p>	XH-BMS-3-273	XH-BMS-3-273	XH-3-273
 <p>136</p>	XH-BMS-3-213	XH-BMS-3-167	XH-3-167
 <p>137</p>	XH-BMS-3-187	XH-BMS-3-187	XH-3-187
 <p>138</p>	XH-BMS-3-145	XH-BMS-3-145	XH-3-145
 <p>139</p>	SM-X-67b	SM-X-67b	SM-X-67b
 <p>88</p>	SM-XI-149b	SM-XI-149b	SM-XI-149b
 <p>89</p>	SM-XI-49	SM-XI-49	SM-XI-49

 <p>Chemical structure of compound 90, a 2,3-diphenyl-2-methyl-3-(N-methylacetamido)indoline. The structure shows an indoline ring system with a methyl group on the nitrogen, a hydrogen atom on the adjacent carbon, and a 2-phenylacetamido group at the 3-position. Two phenyl rings are attached to the 2-position of the indoline ring. The label 90 is positioned below the structure.</p>	SM-XI-189a	SM-XI-189a	SM-XI-189a
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